

AMENDMENT TO THE CLAIMS

1. (Currently amended) A method for manufacturing a product having various diameters from a workpiece, such as a metal cylinder or plate, in which the workpiece is clamped down in a clamping device, the workpiece and a first tool are rotated about an axis of rotation relative to each other, the workpiece is deformed by means of said first tool by placing the first tool into contact with the workpiece and moving the workpiece and/or the first tool in a direction along said axis of rotation, wherein at least a second tool is placed into contact with the workpiece at a position behind the first tool, the workpiece is also deformed by means of said second tool and wherein two or more forming rollers associated with the first or second tool are mounted on a common holder ~~and the forming rollers associated with the first or second tools are configurable to form an eccentric surface on the metal cylinder or plate when~~ and said holder is rotated about an axis which crosses said axis of rotation and/or radially adjusted.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Previously presented) The method according to claim 1, wherein at least a third tool is placed into contact with the workpiece at a position behind the second tool.

7. (Previously presented) The method according to claim 1,

wherein the tools each comprise two or more forming rollers, between which the workpiece is retained while being worked.

8. (Previously presented) The method according to claim 1, wherein the workpiece is formed into a finished or semifinished product in only one working cycle.

9. (Previously presented) The method according to claim 1, wherein a tensile force is exerted on the workpiece.

10. (Previously presented) The method according to claim 9, wherein said tensile force is varied during said working.

11. (Previously presented) The method according to claim 1, wherein at least one of the tools is adjusted in a radial direction during said working.

12. (Previously presented) The method according to claim 1, wherein the workpiece has an open end, which end is closed by means of the tools.

13. (Previously presented) The method according to claim 1, wherein the workpiece is a plate-shaped body, and wherein the central axis of the tools is pivoted relative to the axis of rotation.

14. (Previously presented) The method according to claim 13, wherein the tools are moved relative to each other during said working.

15. (Previously presented) The method according to claim 13, wherein the edge of the workpiece is supported at least during part of the operation.

16. (Previously presented) A forming machine suitable for manufacturing products having various diameters, which forming machine comprises at least a clamping device for clamping down a workpiece, a first tool, which can be placed into contact with the workpiece while being worked, means for rotating the workpiece and the first tool about an axis of rotation relative to each other, and means for moving the workpiece and/or the first tool in a direction along said axis of rotation, and at least a second tool disposed behind said first tool, which can be placed into contact with the workpiece and wherein two or more forming rollers associated with different tools are mounted on a common holder such that perimeters of adjacent forming rollers at least partially overlap and said holder is mounted in or on the forming machine in such manner as to be capable of rotation about an axis which crosses said axis of rotation and/or of radial translation.

17. (Cancelled)

18. (Cancelled)

19. (Previously presented) The forming machine according to claim 16, comprising at least a third tool disposed behind said second tool.

20. (Previously presented) The forming machine according to claim 16, wherein the tools each comprise two or more forming rollers, between which the workpiece can be retained.

21. (Previously presented) The forming machine according to claim 16, wherein the tools can be moved relative to each other during the working.

22. (Previously presented) The forming machine according to claim 16, comprising a mandrel or bush to be placed in or around, respectively, an unworked part of the workpiece, and by means of which a tensile force can be exerted on the workpiece.

23. (Previously presented) A forming machine suitable for manufacturing products having various diameters, which forming machine comprises at least a clamping device for clamping down a workpiece, a first tool, which can be placed into contact with the workpiece while being worked, a motor for rotating the workpiece and the first tool about an axis of rotation relative to each other, and means for moving the workpiece and/or the first tool in a direction along said axis of rotation, and at least a second tool disposed behind said first tool, which can be placed into contact with the workpiece and wherein two or more forming rollers associated with either the first or second tool are mounted on a common holder different distances from the axis of rotation to form an eccentric surface when rotated and said holder is mounted in or on the forming machine in such manner as to be capable of rotation about an axis which crosses said axis of rotation and/or of radial translation.

24. (Previously presented) The forming machine according to claim 23, comprising at least a third tool disposed behind said second tool.

25. (Previously presented) The forming machine according to claim 23, wherein the tools each comprise two or more forming rollers, between which the workpiece can be retained.

26. (Previously presented) The forming machine according to claim 23, wherein the tools can be moved relative to each other during

the working.

27. (Previously presented) The forming machine according to claim 23, comprising a mandrel or bush to be placed in or around, respectively, an unworked part of the workpiece, and by means of which a tensile force can be exerted on the workpiece.